

PA Systems

Califone Infrared Classroom Audio System. It Does More and Costs Less!

Califone addresses the most common obstacles to quality classroom and lecture hall sound—high cost, poor installation, inadequate acoustics, and high levels of ambient noise — with our Infrared Classroom Audio System.

By utilizing “array” speaker technology, our innovative system increases the key signal-to-noise ratio to produce a more evenly distributed sound with twice the coverage and receptivity of other systems. In addition, the volume level is the same at the front and rear of the classroom, increasing students’ attention to verbal instruction. The speakers target the sound pattern directly at the audience — not randomly bouncing it off of walls — which improves teaching and listening, and comprehension for all students.



Infrared Classroom Audio System

Our infrared audio system offers all the benefits of wireless sound amplification at a more affordable price. Two ceiling-mounted infrared receivers are powerful enough to accommodate classrooms up to twice the size of the average elementary school classroom or about 2,000 square feet.

The two non-powered “array” speakers (PI30-SP) not only cover a greater area, but because they also focus the sound directly at the students, everyone benefits from better sound distribution from the front to the back of the room. Teachers wear a comfortable rechargeable belt-pack transmitter with a headset mic. When the teacher mic is turned off, students can use the wireless handheld mic to ask questions or to give presentations. Both are stored in a wall-mounted lockable console that also contains the master volume controls & inputs/outputs for computers and media players. Both teachers and students can narrate or provide commentary during slide/video/oral presentations or classroom reviews.

PI30-IRSYS \$998
PI30-INST Installation of system \$447



Two ceiling
mounted infrared
receivers

Rechargeable
belt-pack
transmitter
with headset

Wall-mounted
control panel

New!

Wireless mic
& charger

Two non-powered
array speakers

Download
individual product
specification sheets at
califone.com/specs

Case Study: PI30-IRSYS

Aiken County, South Carolina

Public Schools Amplify Teachers in the Classroom

As the Title 1 Coordinator for J.D. Lever Elementary School, Christie Valenzuela and other staff members wanted to make sure that each student had the same opportunity to learn as everyone else. Located in rural Aiken County, South Carolina, the district decided that one way to meet students' needs would be to install an amplification system in each classroom so that students seated near the back of the class could hear the teacher just as well as students near the front. "Through our research, we discovered that many schools who integrated this technology saw increases in their state assessments," Valenzuela said. "We reviewed many systems, but ultimately chose the **Infrared Classroom Audio System** from Califone as it brought the most return on our investment." The school purchased 32 systems and mounted the two included **array speakers** on one of the classroom's walls for maximum projection. Each teacher wears a microphone and students use the handheld microphone when asking questions or giving presentations (both mics can not be used at the same time). "The students really enjoy using the technology because they feel more important since their voice is being amplified and heard by the rest of the class. The teachers appreciate the amplification – not feeling strained at the end of the day," Valenzuela said. Helping to meet the needs of all students, the amplification systems were most positively embraced by the parents of those students with hearing impairments. In addition, the school's speech teacher believes the systems have helped tremendously as they do not add to the classroom's ambient noise level at all, allowing students to hear their teachers and lessons more clearly.

Go to califone.com/casestudies to read the entire case study

PA Systems

Make Sure They Can Hear You... This Time and Every Time!

The better your students can hear you, the better their behavior, attention, and academic achievement — and the less the vocal strain for you. Whether yours is an issue of poor acoustics, noisy heating and air conditioning units, chatter from neighboring classrooms, or students with hearing disabilities, Califone has the right amplification solution. Our line of classroom-proven wired and wireless audio systems delivers optimum sound reinforcement throughout the room.

Califone® array speakers are ideal for mounting on whiteboards!



There are many applications for this technology from providing narration to an existing presentation to ESL/ELL or other direct language instruction for a large group. The speakers are specifically designed to increase the “signal-to-noise-ratio,” which means targeting the sound to the audience instead of having it bounce around the classroom indiscriminately. A significant advantage to this technology is that students at the back of the class will hear the same quality audio as those in the front. They are ideal for use with whiteboards.

Got questions? Call us toll free **800.722.0500** or **818.407.2400**

Case Study: PI30

Phoenix, Arizona

Dysart Unified School District Projects Loudly with Array Technology

Part of a rapidly growing community located outside of Phoenix, Arizona, Dysart Unified School District had only seven schools five years ago and now has 23 buildings and nearly 30,000 students. Meeting the challenges of a growing (& diverse) student population and addressing the instructional needs of teachers, the district decided to install new projectors and speakers in their schools. "We had television sets in each classroom, but the technology was very limited," said Ezra Williams, the network specialist for the district. "We wanted to provide technology that would offer options for instructional purposes in nearly five hundred classrooms. And the speakers from Califone gave us the ability to have a high-quality sound system that would connect with the projector system." The Array Speakers (**PI30**) allow teachers to amplify music, videos and other online interactive programs played directly from their laptop connected to the projector system, all without adding new ambient noise to the classroom — giving the students a greater opportunity to listen and learn. In addition, DUSD chose to provide 20 classrooms with wireless lapel microphones during installation, and now over 100 teachers have requested a lapel mic for their classroom. "Teachers who have hearing impaired students in their classrooms find the amplification to be extremely helpful," Williams said. In addition, the district chose to keep some of the speakers on mobile carts with microphones. This allows teachers to request the portable sound system for activities that may not be in a classroom or for an administrative meeting. "The teachers are so ecstatic about receiving the new audio technology — no more checking out boomboxes or checking into the media labs."

Go to califone.com/casestudies to read the entire case study



PI30

Powered speaker with line-in, fixed and variable line outs, mic and DC functioning, 16-channel UHF wireless reception

New!

PI30

Our top of the line Array Speaker features wireless reception to give schools the greatest flexibility on how or where they enhance audio. In addition to its volume and tone controls, the PI30 has two separate line outs for connecting additional wired speakers and for other applications such as a dedicated amplification system for students with special needs.

PI30 \$209



PI30-PS

Powered speaker with line-in, fixed and variable line outs, mic and DC functioning (non-UHF)

New!

PI30-SP

This speaker is the non-powered speaker in this series. It is the same caliber as the speakers detailed above, but operates on existing power supplied through the speaker wire carrying the audio, providing installation opportunities in previously underserved areas of the school.

PI30-SP \$104



PI30-LCD

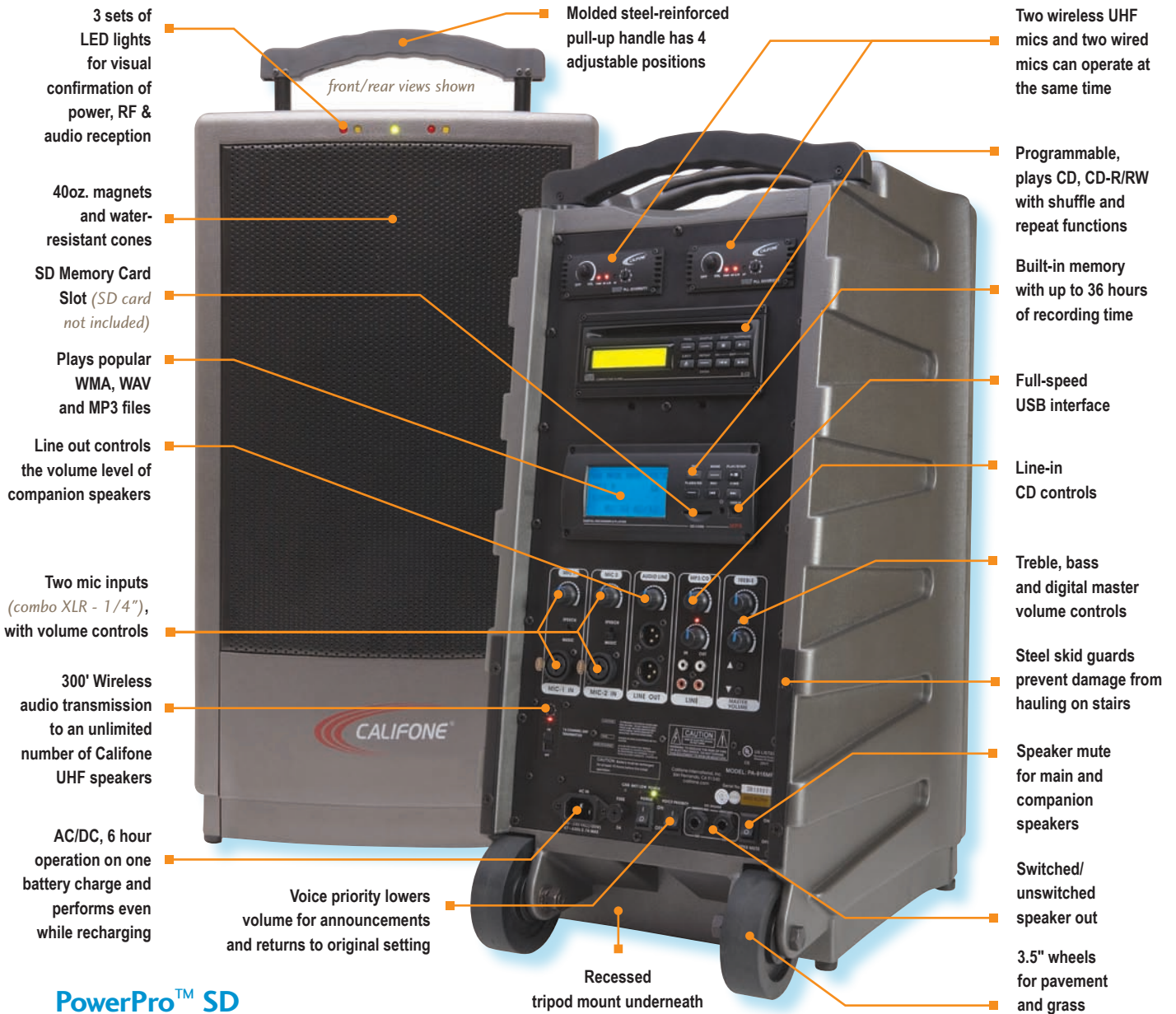
Non-powered, non-UHF

PI30-LCD

This packaged set delivers the "best of" wireless audio for schools, classes & meeting rooms. Our PI30 array speaker is paired with the LCD-16 (page 6) to provide quick and easy set-ups of cord-free audio transmission from mobile AV carts, LCD projectors, computers, and media players by simply setting both units to the same frequency. Additional Califone UHF speakers can linked by matching their frequencies too.

PI30-LCD \$356

PA Systems



PowerPro™ SD

Few schools have on-site technical support, and school PA systems may be needed for in-service training one day and in the gym or school cafeteria the next. So investing in multi-use equipment that is easy to set up and operate is important in stretching school budgets. The PowerPro SD is built to deliver superior quality audio that can be clearly heard in a variety of settings. It is the first portable PA system equipped with built-in digital capabilities. 512MB internal memory, SD Memory card and full-speed USB interface provide a variety of digital resources and storage sites for transmitting state-of-the-art digital sound. When you are hosting a larger gathering such as a school carnival or a track and field event, the 90W RMS PA916-SD provides 300' wireless audio transmission to an unlimited number of wireless powered companion speakers for expanded coverage. In addition to school campuses, the PowerPro™ SD is used by many hotels and meeting facilities, House of Worship functions, emergency response situations and outdoor events.

PA916-SD \$2,022

PA916 Variable speed cassette player instead of SD card/memory/USB port \$1,890

Our PAs have common UHF frequencies...



PA916/PA916SD

PA916-PS

PA616

PA300+UHF

PA150

PowerPro™ PA Systems

Wireless SD

PA916-SD combined with a wireless companion speaker (PA916-PS), wireless handheld mic (Q-316), a second (wired) XLR mic, remote volume control, two tripods, and mic stand (*not shown*). Since it has wireless audio transmission to other speakers, additional PAs can be readily added. Existing package for groups up to 2,000 people.

PA916SD-A \$3,245 (*pictured to the right*)

PA916A with PA916 instead of PA916-SD \$3,208 (*not shown*)

Deluxe

This PowerPro package combines the PA916 with a non-powered support speaker (PA916-SP). Mics, mic holder, tripods, floor stand, and speaker cable are included.

PA916D \$2,725 (*not shown*)

Basic

Anyone can be a high-tech sound wizard with this easy-to-use system. This set provides the basic components for high-quality audio. Includes PA916, tripod, mic holder with floor stand.

PA916B \$1,943 (*not shown*)



PA916SD-A
Shown

PowerPro Companion Speaker

This stand-alone wireless PA system can also double as a wired/wireless support speaker for the PowerPro series and PA616 models. A 16-channel UHF wireless mic receiver with concurrent use of an XLR microphone provides maximum flexibility for use in a variety of situations including conferences and meetings, assemblies, outdoor activities, or emergency broadcasts. "Voice priority" switch automatically lowers the music volume for messages and returns to original sound level when done. A single battery charge delivers 6 hours of use. Battery will recharge while power is on even if the speaker is in use.

PA916-PS \$1,029



PowerPro Companion Speaker Kits

These packages are the ultimate in "plug and play" technology. Just turn on the power and match the receiver and the wireless mic to the same 16-channel UHF frequency. It is that simple. Choose between two different wireless systems — one with a wireless handheld mic and one with a hands-free lapel mic.

PA916PS-E PA916-PS with wireless handheld mic \$1,245

PA916PS-F PA916-PS hands-free operation with
belt-pack transmitter and lapel mic (*not shown*) \$1,245



PA916PS-E
*package front/rear
views shown*



PI30

M316

Q316

LCD-16

PL-15

Case Study: PA916-A

Midland, Texas

Midland Independent School District Works to Fight Child Obesity

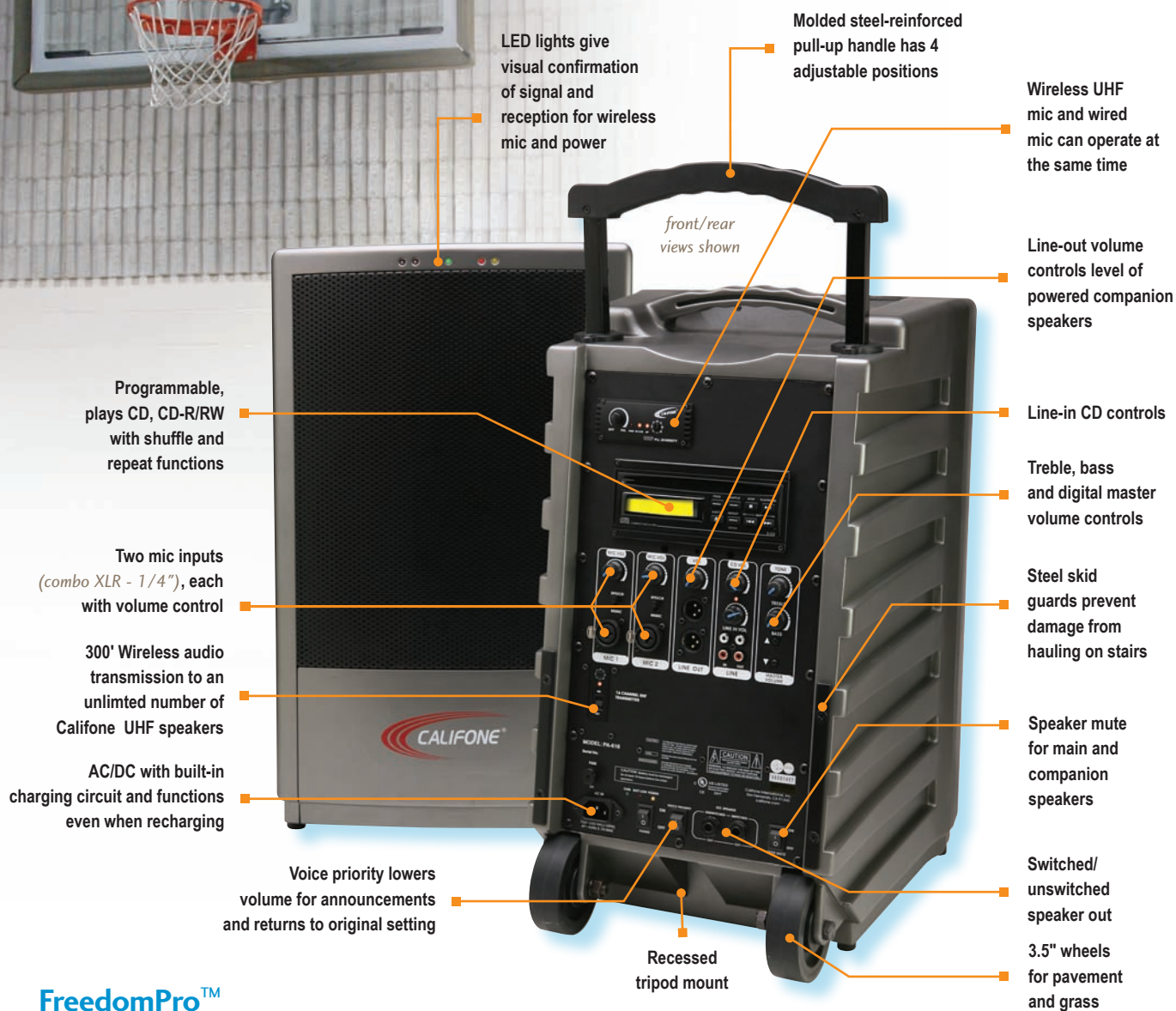
The annual National Health and Nutrition Examination Survey (NHANES) by the Centers for Disease Control and Prevention recently found that approximately one-third of U.S. children and teens are overweight or at risk of becoming overweight. Administrators at the Midland Independent School District in Midland, Texas, were concerned that the prevalence of childhood obesity was found to be even greater in their district. With this concern in mind, administrators decided to implement several programs to encourage healthy lifestyles among their 21,000 students. They applied for and received the Carol M. White Physical Education Program (PEP) grant in 2005, which advocates that physical education improves the overall health of children. "As a physical education teacher, you are constantly talking loudly, or even yelling, to provide direction to your students," explained Gwen Smith, the PEP Grant Coordinator for the district. "An amplification system allows our teachers to focus on instruction and the activity at hand, instead of trying to constantly catch the attention of students on the field." MISD purchased a **PowerPro (PA916A)** system for each of its 24 elementary schools. In addition, the PowerPro system allows educators and administrators to reach large audiences, such as during parent meetings and student assemblies, as the main speaker can connect wirelessly to other speakers on the same channel. "The quality of the units is amazing," Smith concluded. "We are looking into purchasing units for our secondary schools soon. Overall, we feel that our initial goals have been met — we are helping our students to live healthy lifestyles."

Go to califone.com/casestudies to read the entire case study

...to save time & money!

PA Systems

Quick & Easy setups make the PA616 ideal for athletic events.



FreedomPro™

Power + portability = FreedomPro. This handy PA system can transmit to any number of Califone UHF speakers within its 300' transmission range. It provides high-quality audio by itself to a group of up to 750 people. Go-anywhere wheels and 4-position retractable steel handle make it easy to move to any location needed. The system features two mic inputs for concurrent use with a wireless mic. The superior sound is created by 40-ounce magnets with water-resistant cones that are the best in their speaker class. Battery life is 6 hours on a single charge and it can recharge while speaker is on and in use.

PA616 \$1,313

Accessories to help ensure...



PA916-SP

HC-900

TP50/C-TP50

RC-300

C900

Road Case for PA916/PA616

Whether you use it for storage or transport, this rugged case is ready for heavy-duty service. It will ship your PA equipment anywhere and keep it safe and functional. There is now space to include laptops, mics & other accessories so that you can have your complete PA system in one place. Removable case cover makes loading & unloading an efficient process. The bottom of the case is foam-lined to protect either the PA916 or PA616 models.

HC-900 \$898

Cover comes off for easy loading and unloading of your PA System



Extra storage space for laptops, microphones and other accessories



Rugged "heavy-duty" case for shipping your PA system safe.... Anywhere!

PowerPro & FreedomPro Accessories (shown below)

Non-Powered Support Speaker
PA916-SP \$599

Heavy-Duty Tripod
TP-50 \$116

Heavy-Duty Tripod Bag
C-TP50 \$95

Volume/Mute Remote Control
RC-300 \$24

Soft Speaker Cover with Storage Pocket
C900 \$126

Wireless UHF Microphones

To maximize your investment and to give you the greatest number of choices, our UHF mics are all universally compatible with all of our UHF speakers, transmitters and receivers. The 150' transmission range is adequate for most assembly halls and allows freedom of movement at outdoor events. These mics work with PowerPro, FreedomPro, PresentationPro, UHF Array Speaker, and the Podium. Choose from a handheld mic or belt-pack transmitter with any of our three hands-free microphones: headset, flexible collar, or electret lapel.

Q-316 Dynamic Handheld Wireless Microphone \$152

M-316 Belt-pack Transmitter \$147



Use any of these 3 hands-free presentation mics *with* the M-316 belt-pack transmitter:



Flexible Collar Microphone
CM-316 \$34

or



Headset Microphone
HBM-316 \$34

or



Electret Lapel Microphone
LM-316 \$34

Wired Microphones

600 Ohm Dynamic Handheld Uni-Directional Mic

This highly sensitive handheld microphone is perfect for student, teacher, or parent presentations. The professional grade XLR plug provides superior sound quality giving confidence to all presenters or performers (shown on right).

PADM-510 (1/4") \$45

PADM-515 (XLR) \$45

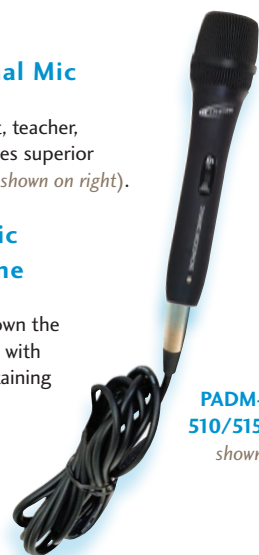


PADM-558
shown

Deluxe Dynamic XLR Microphone

Send your speaker down the road or down the hall with this rugged case containing a quality microphone and a 15' cable.

PADM-558 \$93
shown left



PADM-510/515
shown

Remote Microphone

Enjoy the convenience of a remote start/stop switch in the event that the presenter forgets to turn this microphone on or off.

4805AV \$16



CM-316



HBM-316



LM-316



PADM-558



PADM-510



4805AV

...your
message is
heard!

PresentationPro Packages

**PA300UHF-PQ**

Includes

PA300+UHF, wireless handheld Q-316 microphone, rugged foam-lined carry case, MB-350 mounting bracket, portable TP-30 tripod with carry case and RC-300 remote control

Wireless & Wired PresentationPro™ Packages

Presentation systems vary by size, components & quality, but you can depend on Califone® to put together, easy-to-use packages, with quality equipment at an affordable price that can handle a range of situations. Whether it is for an individual school, a regional training center, or accompanying a guest presenter moving from building to building, this package can adapt to a variety of venues and presentation styles for up to 350 people. In its rugged, foam-lined carrying case, it is a presentation system looking for a presenter. Packages include your choice of microphone, tripod, remote volume control and either the PresentationPro+UHF detailed above or the PA300+ which is the "wired only" version of the PresentationPro.

PA300UHF-PQ with Q-316 handheld mic \$651
PA300UHF-PC with M-316, flexible collar mic \$651
PA300UHF-PH with M-316, headset mic \$651
PA300UHF-PL with M-316, with lapel mic \$651
PA300-H M-316 w/headset mic, soft carry case \$516
PA300-P Wired PA300+, XLR mic (PADM-515) \$410

Accessories

MB-350 (shown above)
 Mounting bracket & hardware \$58

TP-30 (shown above)
 Tripod \$63

C300
 Soft carry case \$45



PA Systems

**PresentationPro+UHF**

School audio equipment needs to be rugged, portable, & versatile. Indoor or outdoor. Wired or wireless. Hook up to a computer, projector, or media player. The variations are endless & make this workhorse a good investment. It can be used in classrooms, meeting rooms, auditoriums, hotel and conference rooms, & outdoor events. It's made for quick and easy setups so you don't need an engineering degree to control the volume level remotely or even run with wireless audio from a remote LCD projector. It accepts one 16-channel UHF mic and two wired mics at the same time.

PA300+UHF \$385**PA300+** Wired version only \$210**PresentationPro+UHF "Battery Powered"**

Power outages, emergency situations, outdoor activities or athletic events are the types of occasions when you need a battery powered PA system. AC/DC operation provides 6 hours of run time & will continue to function while it recharges (8 hour cycle). It features a line output so additional non-powered speakers can be linked for larger presentations. Multiple presenters can use both a wired mic and a 16-channel UHF mic simultaneously. Highly efficient sound broadcasts loud enough to be heard by up to 200 people.

PA150-H \$520**PA150+UHF** \$368

PA150-H
 Includes
 PA150+UHF,
 M-316 beltpack
 transmitter,
 HBM-316 headset,
 RC-300 Remote
 and soft carry case.

Case Study: PA300+

Lake Washington, Washington

Lake Washington School District Students Hear Clearly

Five years ago, Lake Washington School District (LWSD), located east of Seattle, was looking to install new technologies that would better serve its increasingly more digital-savvy student population. LWSD was looking for a cost-effective, high-quality speaker that would supply ample sound to the entire classroom. Decision-makers also required that the system be easy-to-use, durable and flexible enough for everyday classroom use. LWSD chose the wired **PresentationPro (PA300+)** speaker from Califone. "We decided to go with the PresentationPro speaker as its quality and volume allowed us to install just one unit per classroom," said Steve Lewey, Project Manager for LWSD. "With competing products, we would need two speakers, which would ultimately increase the cost of installation and maintenance." The PresentationPro speaker provides LWSD educators with high-quality audio support, while seamlessly connecting to LCD projectors, interactive whiteboards, multimedia players, DVD/VCRs and computers for enhanced visual and audio learning, offering a platform for meeting state standards. Fifteen hundred units were installed throughout the district, and Lewey and his team have found the speakers to be both tough and durable. They were able to easily mount the speakers on top of built-in cabinetry, saving costs on ceiling-mounts and allowing easy access for when they roll out their much-anticipated voice amplification program. "The speaker is not overly complex, which allows our staff to easily connect to other products using its multiple audio-in jacks. This gives us a great amount of flexibility. The PresentationPro speakers have not only met, but have exceeded our expectations," Lewey concluded.

Go to califone.com/casestudies to read the entire case study

PA Pro™

Portable voice enhancement support is perfect for lecture halls, meetings, conferences, field trips, tours, or any number of indoor/outdoor activities. The battery powered and wireless mic has a 100' transmission range which is adequate for the venues listed above. The belt-pack transmitter and mic store inside the amplifier to keep everything safe in one place. There is a choice of two frequencies for simultaneous wireless announcements.

PA10A 206.400 MHz frequency \$310
PA10B 210.250 MHz frequency \$310

PA Pro Packages

Includes **PA Pro** and **handheld wireless mic** (instead of belt-pack transmitter & mic) with **soft carry case**

PA10A-1 206.400 MHz frequency \$398
PA10B-1 210.250 MHz frequency \$398

PA Pro Accessories

PA10A-M Wireless microphone 206.400 MHz frequency \$62
PA10B-M Wireless microphone 210.250 MHz frequency \$62
C-10 Soft carry case for PA10 \$41



C-10
Soft carry case



PA10A-M Left
PA10B-M Right



PA Systems

Podium

The old professor's podium has gone high tech with the addition of a wireless receiver. This presentation audio system is loud enough to be clearly heard by up to 200 people and can function alone, or by setting the frequency to match other Califone UHF speakers, the PL-15 becomes part of a larger PA system.

PL-15 \$840

Handheld Megaphone

This 15-watt handheld megaphone ensures that you can be heard from up to 1,000 feet away. Rugged ABS construction suited for use in all types of weather conditions. A convenient carry strap is attached. There is also volume control for both voice and emergency alert.



PA-15

PA-15 \$105

Portable Megaphone

The 8-watt portable megaphone with a 500' audio range is ideal for smaller campuses or events. It still has all the qualities of the handheld megaphone detailed above.



PA-8

PA-8 \$90

PA-282

Shown



VoiceSaver™

Teaching or directing even small groups can strain the vocal cords over time. You don't have to be on the speaking circuit to need help projecting without strain. Trainers, seminar presenters, even classroom teachers are finding that using the VoiceSaver prevents them from getting strained voices and sore throats. This is the kind of classroom assistant every teacher should have. The PA-285 and the slightly smaller PA-282 are lightweight for comfort and they benefit students as well. With increased clarity and projection, students can hear more clearly and improve understanding and achieve higher performance.

PA-282 2 Watts for up to 25 people \$132 (shown above)

PA-285 5 Watts for up to 50 people \$164 (shown right)

TP-285 tripod for PA-285 \$28



Optional tripod for the **PA-285** offers enhanced desktop projection

Download individual product specification sheets at califone.com/specs